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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/528,121	03/16/2005	Puhua Zhang	56816.1640	8913	
30734 BAKER & HO	7590 12/18/200 STETLER LLP	EXAMINER			
	N SQUARE, SUITE 11	MENDEZ, ZULMARIAM			
1050 CONNECTICUT AVE. N.W. WASHINGTON, DC 20036-5304		ART UNIT	PAPER NUMBER		
			1795		
			NOTIFICATION DATE	DELIVERY MODE	
			12/18/2009	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@bakerlaw.com

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)	
10/528,121	ZHANG, PUHUA	
Examiner	Art Unit	
ZULMARIAM MENDEZ	1795	

-	ZULMARIAM MENDEZ	1795
The MAILING DATE of this communication appea	rs on the cover sheet with the c	correspondence address
THE REPLY FILED 30 November 2009 FAILS TO PLACE THIS	APPLICATION IN CONDITION F	OR ALLOWANCE.
1. The reply was filed after a final rejection, but prior to or on the application, applicant must timely file one of the following reapplication in condition for allowance; (2) a Notice of Appea for Continued Examination (RCE) in compliance with 37 CF periods:	ne same day as filing a Notice of A plies: (1) an amendment, affidavi I (with appeal fee) in compliance	Appeal. To avoid abandonment of this t, or other evidence, which places the with 37 CFR 41.31; or (3) a Request
a) The period for reply expires <u>3</u> months from the mailing date o	f the final rejection.	
b) The period for reply expires on: (1) the mailing date of this Advance event, however, will the statutory period for reply expire late Examiner Note: If box 1 is checked, check either box (a) or (b) MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).	er than SIX MONTHS from the mailing . ONLY CHECK BOX (b) WHEN THE	g date of the final rejection. FIRST REPLY WAS FILED WITHIN TWO
Extensions of time may be obtained under 37 CFR 1.136(a). The date or have been filed is the date for purposes of determining the period of exterunder 37 CFR 1.17(a) is calculated from: (1) the expiration date of the she set forth in (b) above, if checked. Any reply received by the Office later that may reduce any earned patent term adjustment. See 37 CFR 1.704(b). NOTICE OF APPEAL	nsion and the corresponding amount or ortened statutory period for reply origi	of the fee. The appropriate extension fee nally set in the final Office action; or (2) as
2. The Notice of Appeal was filed on A brief in compliant filing the Notice of Appeal (37 CFR 41.37(a)), or any extens Notice of Appeal has been filed, any reply must be filed with AMENDMENTS	ion thereof (37 CFR 41.37(e)), to	avoid dismissal of the appeal. Since a
	t prior to the data of filing a brief	will not be entered because
3. The proposed amendment(s) filed after a final rejection, bu (a) They raise new issues that would require further cons (b) They raise the issue of new matter (see NOTE below	ideration and/or search (see NOT);	ΓE below);
(c) ☐ They are not deemed to place the application in bette appeal; and/or	r form for appeal by materially red	ducing or simplifying the issues for
(d) ☐ They present additional claims without canceling a co NOTE: (See 37 CFR 1.116 and 41.33(a)).	rresponding number of finally reje	ected claims.
4. The amendments are not in compliance with 37 CFR 1.121	. See attached Notice of Non-Cor	mpliant Amendment (PTOL-324).
5. Applicant's reply has overcome the following rejection(s): _		
6. Newly proposed or amended claim(s) would be allow non-allowable claim(s).		
7. For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is provided the status of the claim(s) is (or will be) as follows:		l be entered and an explanation of
Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: <u>1-3</u> .		
Claim(s) withdrawn from consideration: AFFIDAVIT OR OTHER EVIDENCE		
 The affidavit or other evidence filed after a final action, but I because applicant failed to provide a showing of good and was not earlier presented. See 37 CFR 1.116(e). 		
 The affidavit or other evidence filed after the date of filing a entered because the affidavit or other evidence failed to ove showing a good and sufficient reasons why it is necessary a 	ercome <u>all</u> rejections under appea and was not earlier presented. Se	al and/or appellant fails to provide a see 37 CFR 41.33(d)(1).
10. The affidavit or other evidence is entered. An explanation REQUEST FOR RECONSIDERATION/OTHER		•
11. The request for reconsideration has been considered but a see continuation sheet.		condition for allowance because:
12. ☐ Note the attached Information <i>Disclosure Statement</i>(s). (P13. ☐ Other:	TO/SB/08) Paper No(s)	
	/Harry D Wilkins, III/ Primary Examiner, Art U	nit 1795

continuation of 11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:

Applicant's arguments filed on November 11, 2009 have been fully considered but they are not persuasive. The applicant argues the following:

a. Masselin discloses the use of an AC (Alternating Current) electric field, which in light of the well known acknowledge in the electrolysis art, water can only be electrolyzed in a DC (Direct Current) electric field.

In response, the examiner does not find this argument persuasive because it is well known in the art that electrolysis can be performed by either an AC or DC electric field as evidenced by Igarashi (US Patent no. 6,706,168) as well as Okazaki (US Patent no. 4,810,344). Further, claim 1 merely recites passing the mixture through an electric field greater than 6 V DC, and does not positively recite the electrolysis of water aspect of the invention.

b. In Masselin, the object is to ionize the liquid fuel in order to improve the combustion efficiency of the fuel rather than to change water into fuel.

In response, the examiner does not find this argument persuasive because of the fact that applicant has recognized another advantage which would flow naturally from following the suggestion of the prior art cannot be the basis for patentability when the differences would otherwise be obvious. See Ex parte Obiaya, 227 USPQ 58, 60 (Bd. Pat. App. & Inter. 1985). Agin, claim 1 merely recites three method steps of mixing water with ehtanol, vaporizing the mixture and passing the vaporized mixture through a DC electric field. None of the positively recited method steps require conversion of water into anything.

c. The Prior Art made of record fails to teach a mixture of water and ethanol only.

In response, the examiner does not find this argument persuasive because it is noted that the claimed invention requires a method "comprising" a mixture of water and ethanol. The transitional term "comprising", which is synonymous with "including," "containing," or "characterized by," is inclusive or open-ended and does not exclude additional, unrecited elements or method steps. See, e.g., > Mars Inc. v. H.J. Heinz Co., 377 F.3d 1369, 1376, 71 USPQ2d 1837, 1843 (Fed. Cir. 2004)